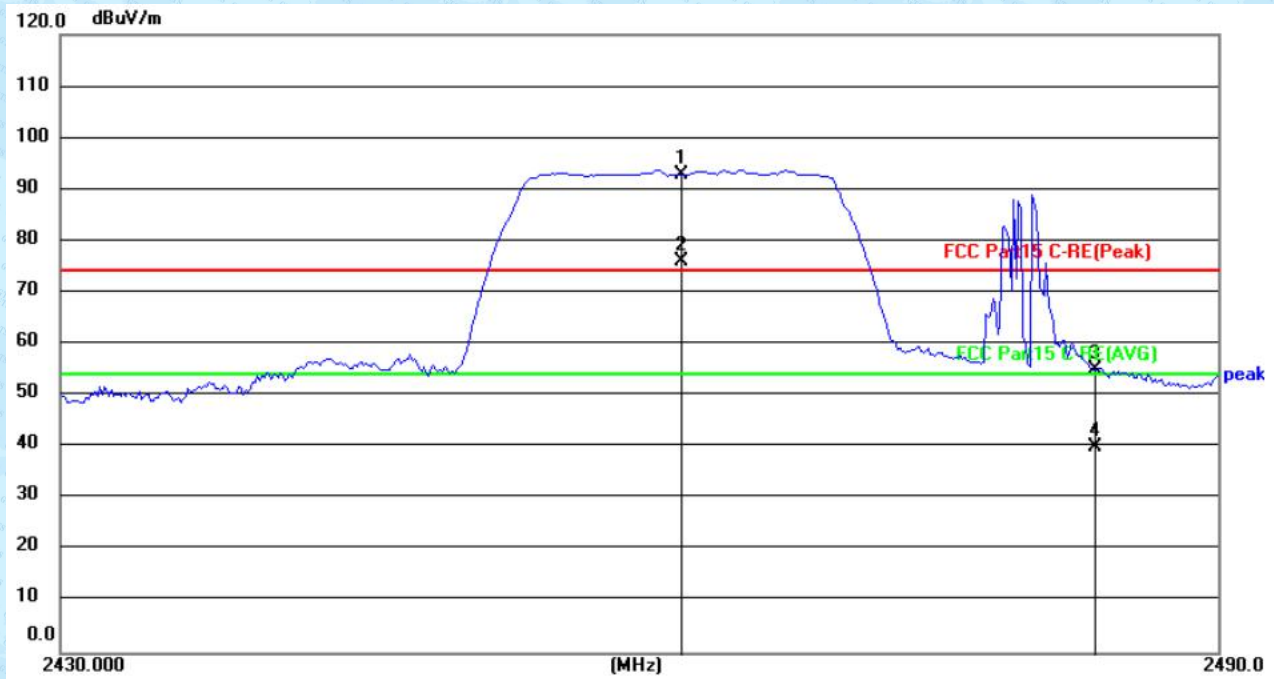


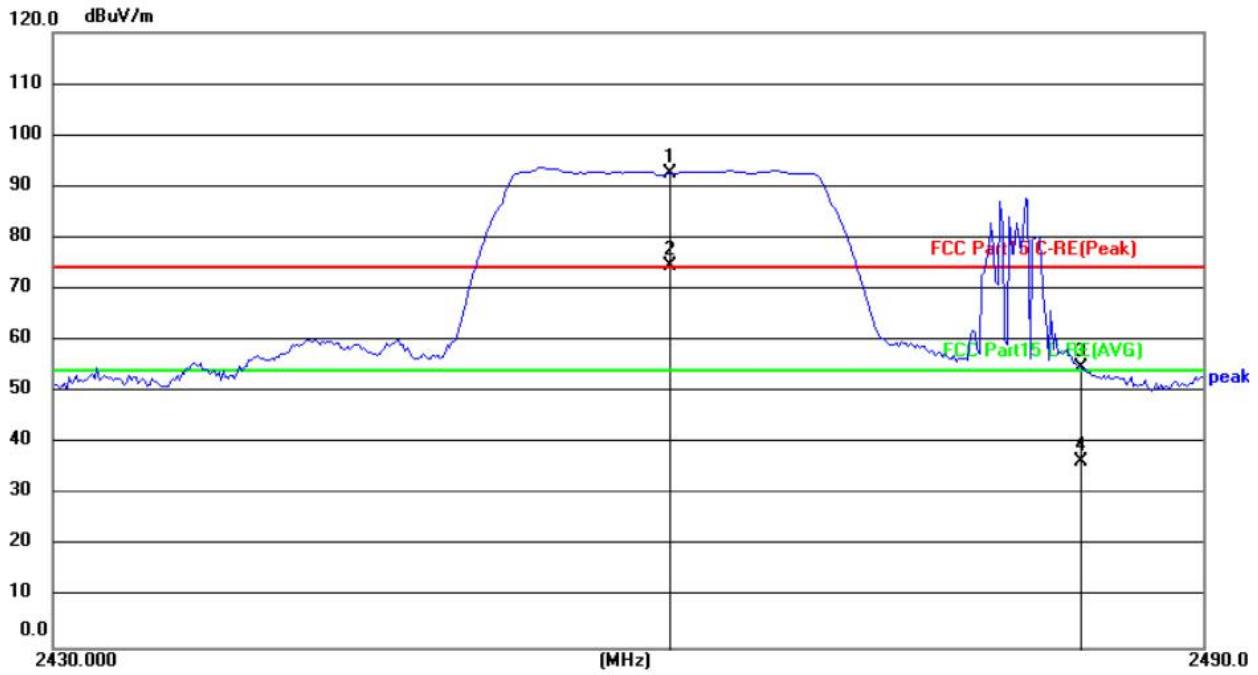
Test mode:	802.11g 2462MHz	Test channel:	Highest
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Horizontal



No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	2462.000	66.36	26.44	92.80	74.00	18.80	peak
2	2462.000	49.65	26.44	76.09	54.00	22.09	AVG
3	2483.500	28.53	26.47	55.00	74.00	-19.00	peak
4	2483.500	13.68	26.47	40.15	54.00	-13.85	AVG

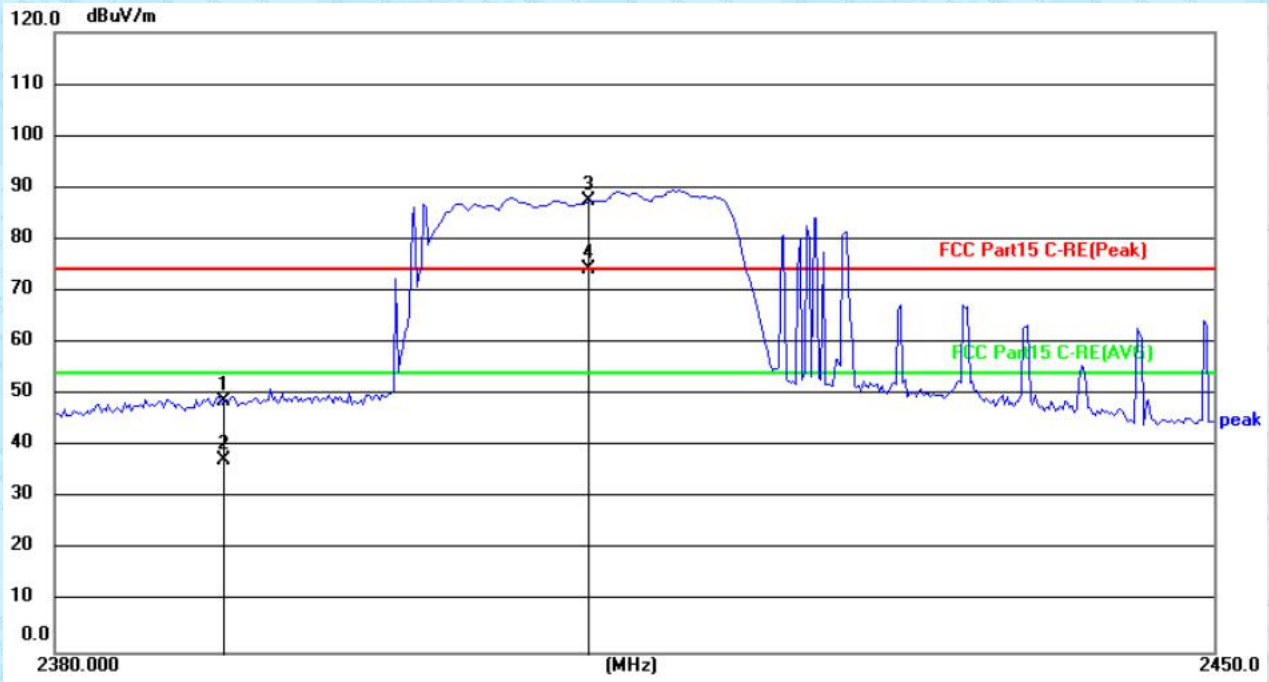
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	66.01	26.44	92.45	74.00	18.45	peak
2	2462.000	48.23	26.44	74.67	54.00	20.67	AVG
3	2483.500	28.40	26.47	54.87	74.00	-19.13	peak
4	2483.500	10.09	26.47	36.56	54.00	-17.44	AVG

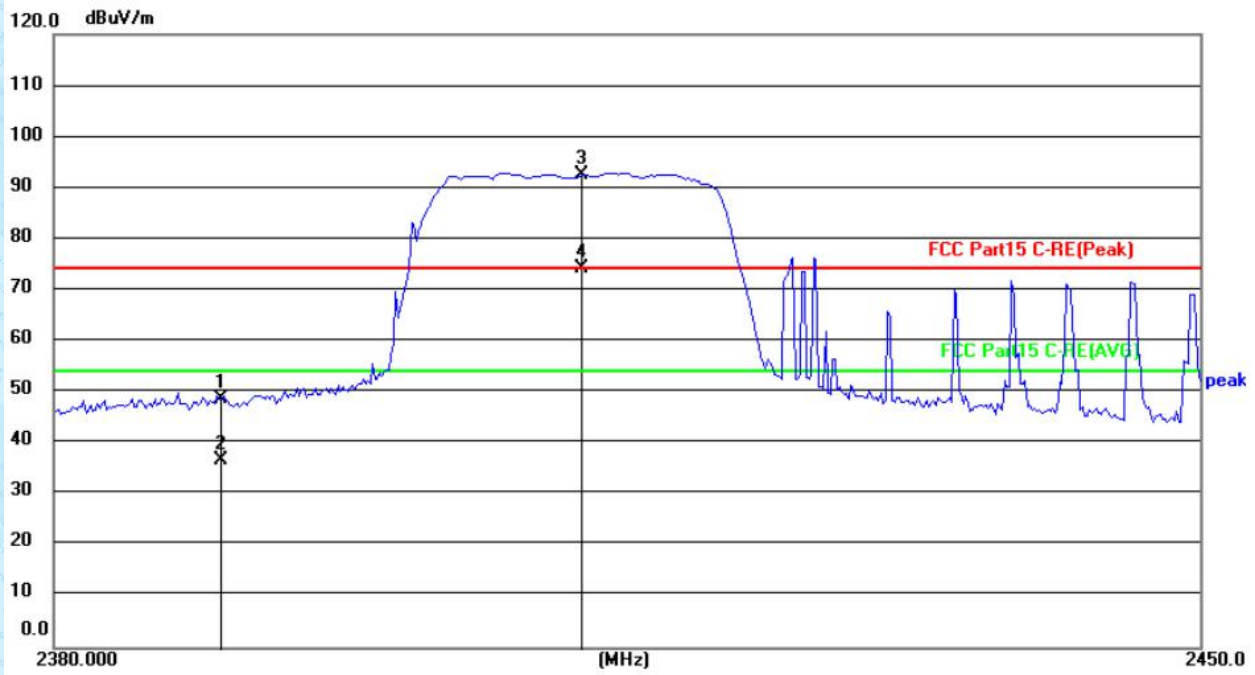
Test mode:	802.11n(HT20) 2412MHz	Test channel:	Lowest
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Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2390.000	22.44	26.32	48.76	74.00	-25.24	peak
2	2390.000	11.12	26.32	37.44	54.00	-16.56	AVG
3	2412.000	61.18	26.36	87.54	74.00	13.54	peak
4	2412.000	47.85	26.36	74.21	54.00	20.21	AVG

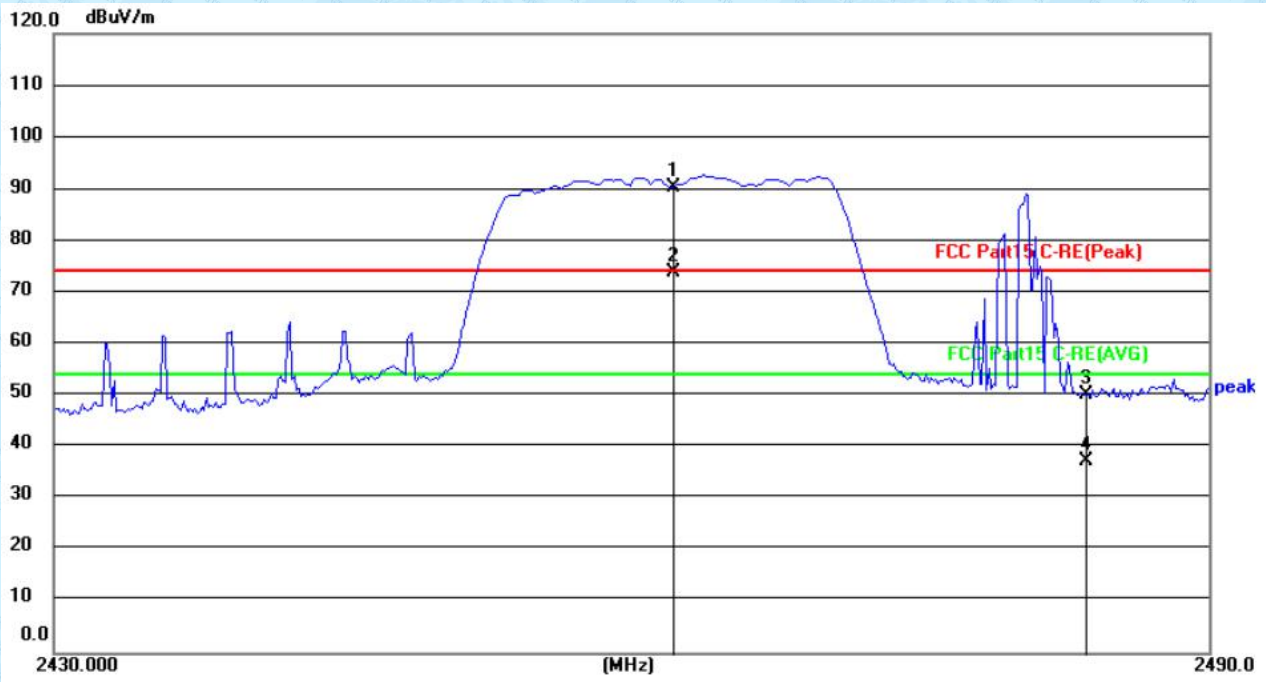
Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2390.000	22.29	26.32	48.61	74.00	-25.39	peak
2	2390.000	10.43	26.32	36.75	54.00	-17.25	AVG
3	2412.000	66.06	26.36	92.42	74.00	18.42	peak
4	2412.000	47.85	26.36	74.21	54.00	20.21	AVG

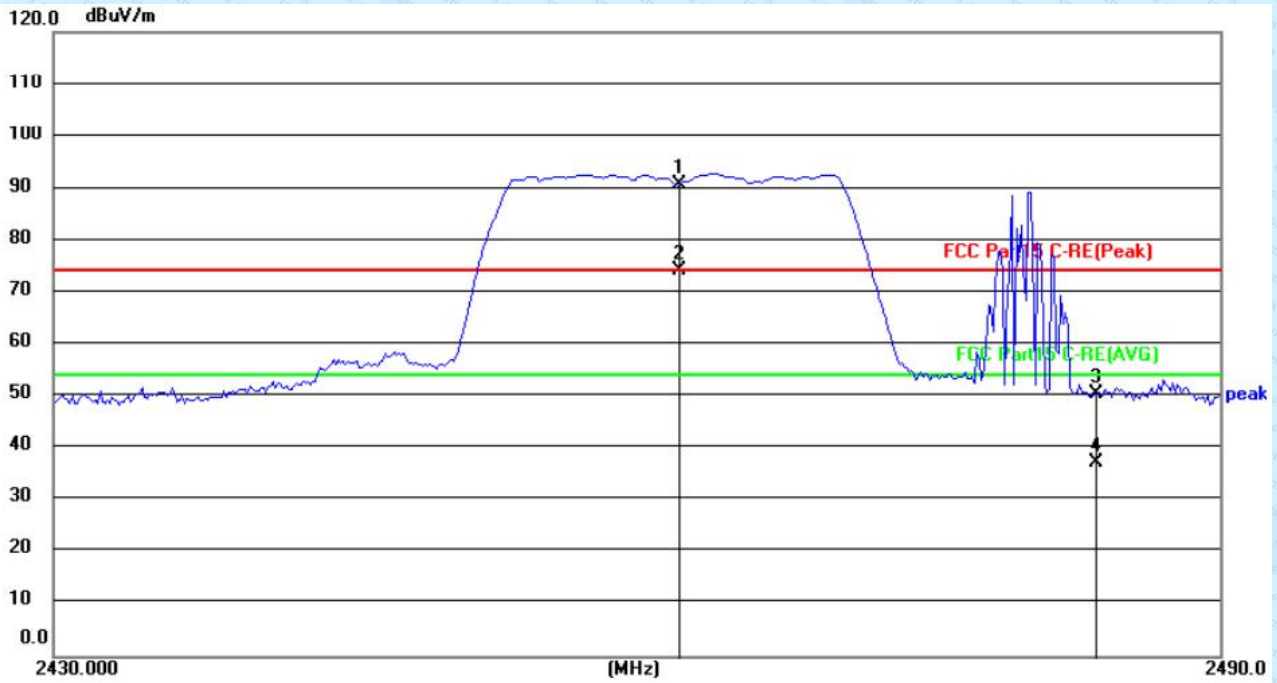
Test mode:	802.11n(HT20 2462MHz)	Test channel:	Highest
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Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	64.13	26.44	90.57	74.00	16.57	peak
2	2462.000	47.66	26.44	74.10	54.00	20.10	AVG
3	2483.500	23.80	26.47	50.27	74.00	-23.73	peak
4	2483.500	10.99	26.47	37.46	54.00	-16.54	AVG

Vertical



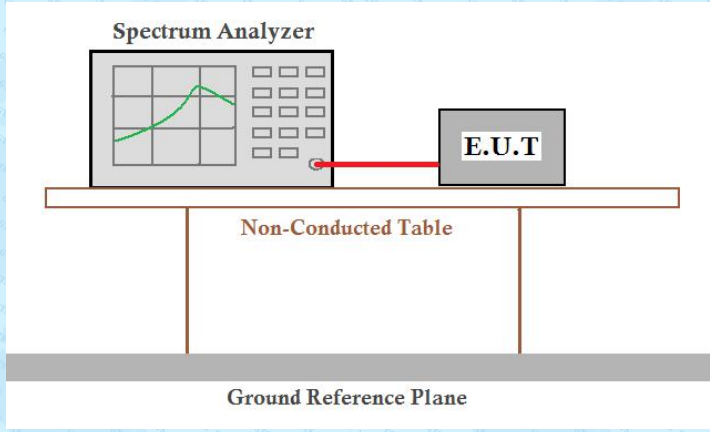
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	64.37	26.44	90.81	74.00	16.81	peak
2	2462.000	47.75	26.44	74.19	54.00	20.19	AVG
3	2483.500	23.95	26.47	50.42	74.00	-23.58	peak
4	2483.500	10.81	26.47	37.28	54.00	-16.72	AVG

Remarks:

1. Only the worst case Main Antenna test data.
2. The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.
3. Final Level =Receiver Read level + Antenna Factor
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.7 Spurious Emission

7.7.1 Conducted Emission Method

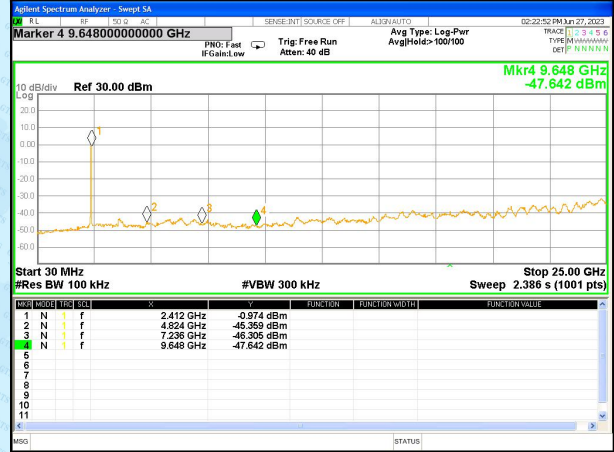
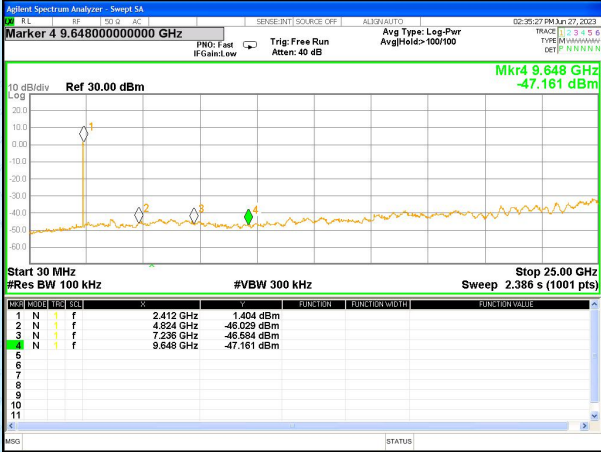
Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table, which sits on a Ground Reference Plane.</p>
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Test plot as follows:

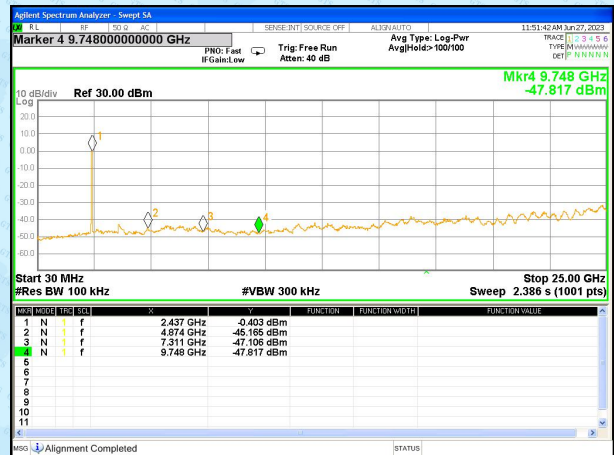
802.11b

802.11g

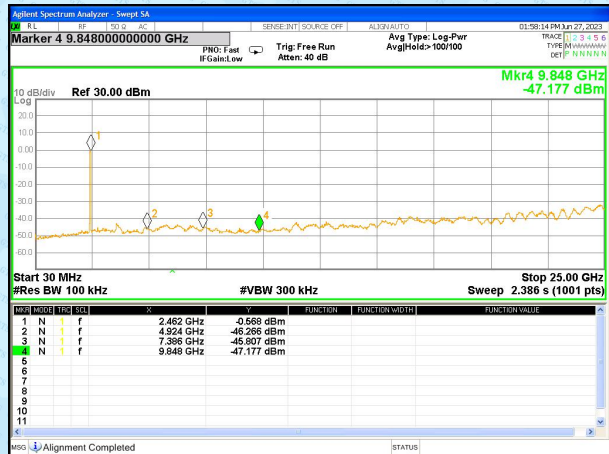
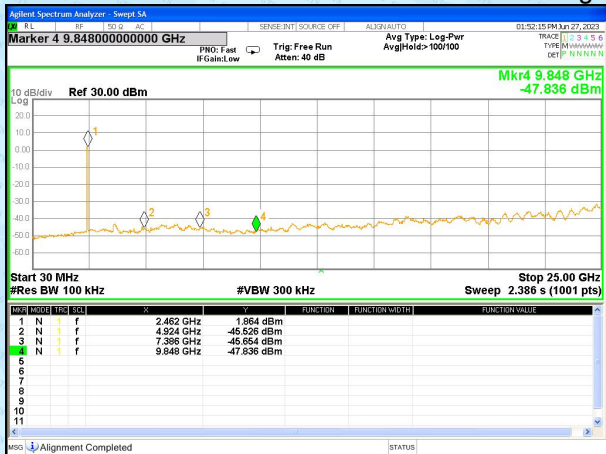
Lowest channel



30MHz~25GHz
Middle channel



30MHz~25GHz
Highest channel



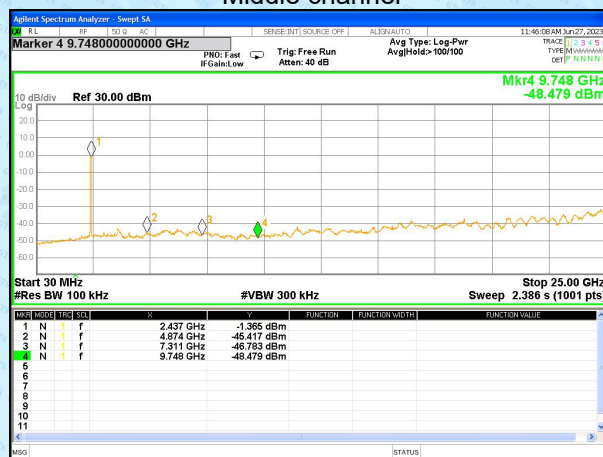
30MHz~25GHz

802.11n(HT20)

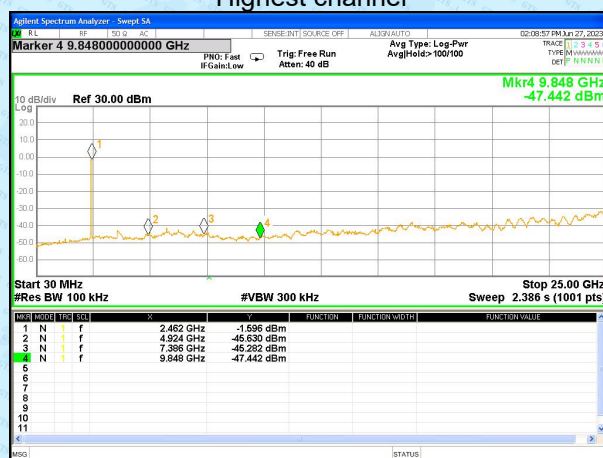
Lowest channel



30MHz~25GHz Middle channel

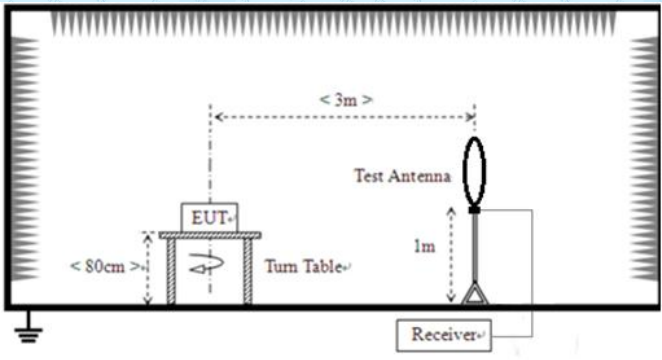
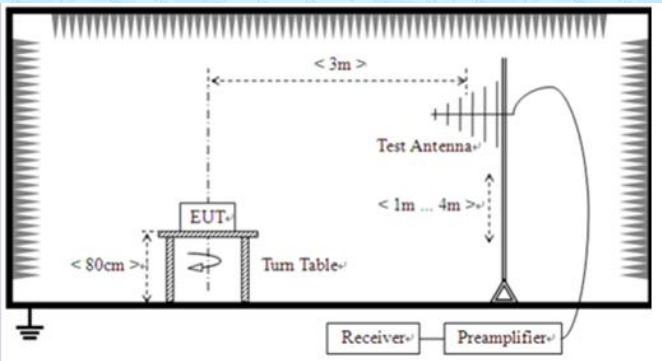


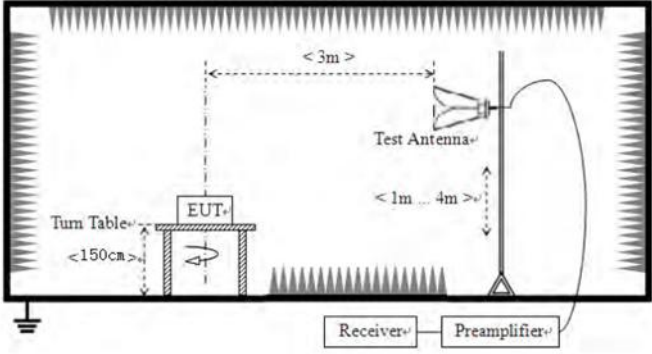
30MHz~25GHz Highest channel



30MHz~25GHz

7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209				
Test Method:	ANSI C63.10: 2013				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
	150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
Peak		1MHz	10Hz	Average	
Limit:	Frequency	Limit (uV/m)	Value	Measurement Distance	
	0.009MHz-0.490MHz	2400/F(KHz)	QP	300m	
	0.490MHz-1.705MHz	24000/F(KHz)	QP	300m	
	1.705MHz-30MHz	30	QP	30m	
	30MHz-88MHz	100	QP	3m	
	88MHz-216MHz	150	QP		
	216MHz-960MHz	200	QP		
	960MHz-1GHz	500	QP		
	Above 1GHz	500	Average		
5000		Peak			
Test setup:	For radiated emissions from 9kHz to 30MHz				
					
Test setup:	For radiated emissions from 30MHz to 1GHz				
					

	<p>For radiated emissions above 1GHz</p> 						
<p>Test Procedure:</p>	<ol style="list-style-type: none"> 1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. 						
<p>Test Instruments:</p>	<p>Refer to section 6.0 for details</p>						
<p>Test mode:</p>	<p>Refer to section 5.2 for details</p>						
<p>Test voltage:</p>	<p>AC120V 60Hz</p>						
<p>Test environment:</p>	<table border="1"> <tr> <td>Temp.:</td> <td>26.3 °C</td> <td>Humid.:</td> <td>46%</td> <td>Press.:</td> <td>1010mbar</td> </tr> </table>	Temp.:	26.3 °C	Humid.:	46%	Press.:	1010mbar
Temp.:	26.3 °C	Humid.:	46%	Press.:	1010mbar		
<p>Test voltage:</p>	<p>5Vdc 1A</p>						
<p>Test results:</p>	<p>Pass</p>						

Remarks:

1. Only the worst case Main Antenna test data.
2. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

Measurement data:

■ **9kHz~30MHz**

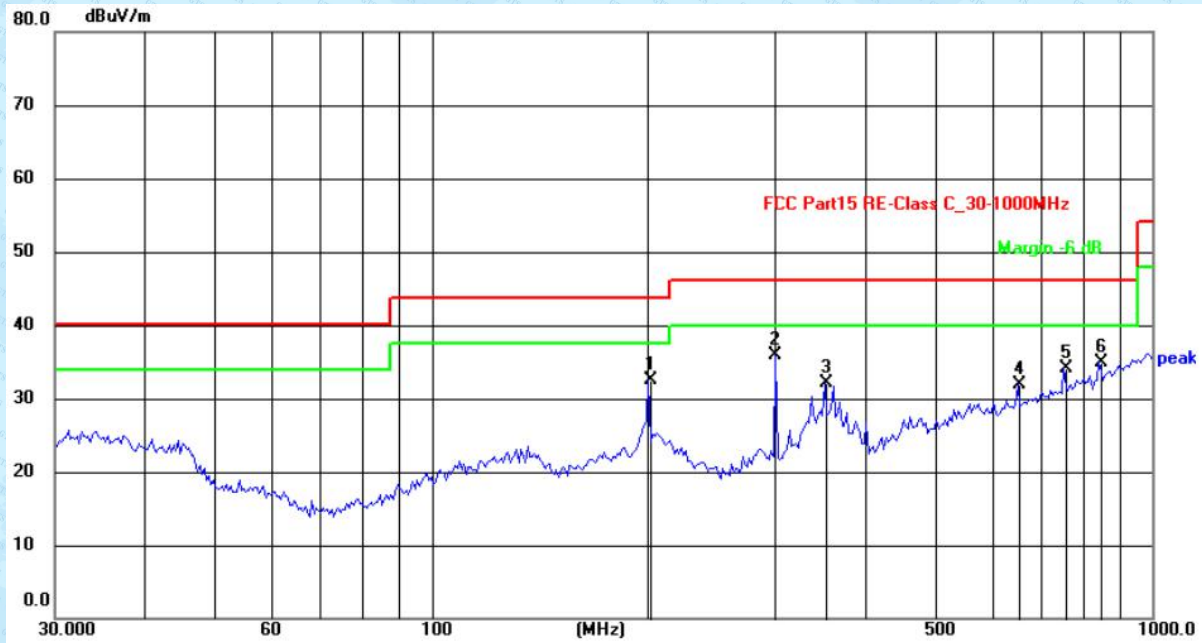
The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

■ **Above 18GHz**

The emission from Above 18GHz was pre-tested and found the result was 20dB lower than the limit, the test result no need to reported.

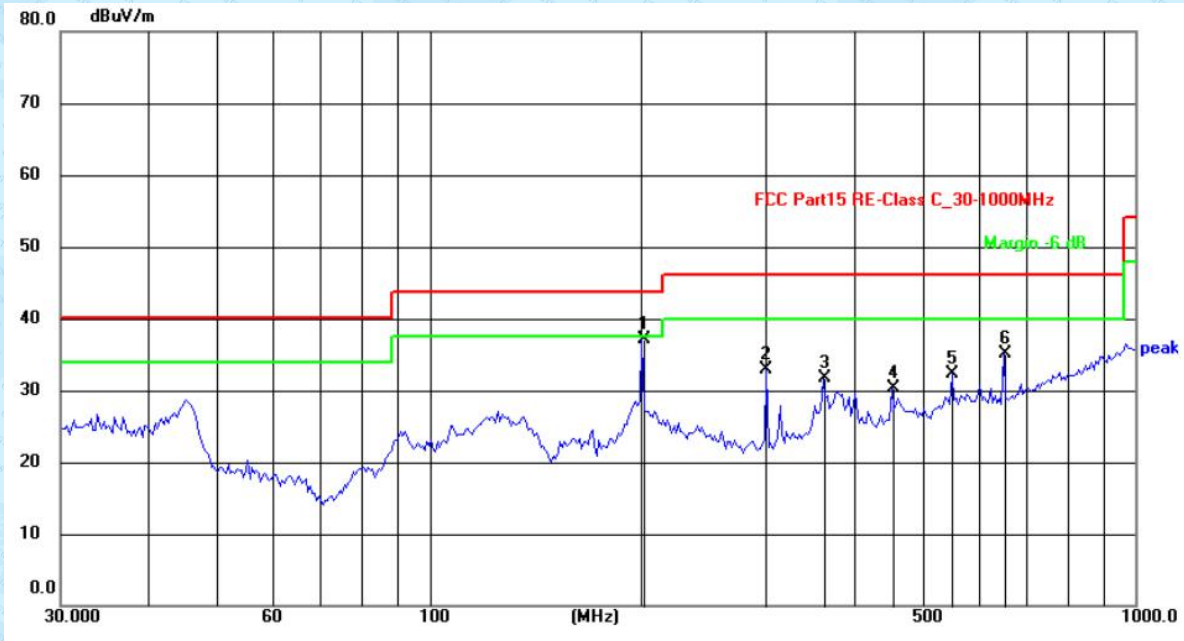
Below 1GHz

Ant. Pol.	Horizontal
Test Mode:	802.11b 2412MHz
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	200.0432	34.17	-1.75	32.42	43.50	-11.08	QP
2	300.6988	40.44	-4.59	35.85	46.00	-10.15	QP
3	350.9722	36.05	-4.02	32.03	46.00	-13.97	QP
4	651.3831	30.66	1.32	31.98	46.00	-14.02	QP
5	754.9628	31.89	2.31	34.20	46.00	-11.80	QP
6	844.8028	31.59	3.39	34.98	46.00	-11.02	QP

Ant. Pol.	Vertical
Test Mode:	802.11b 2412MHz
Remark:	Only worse case is reported

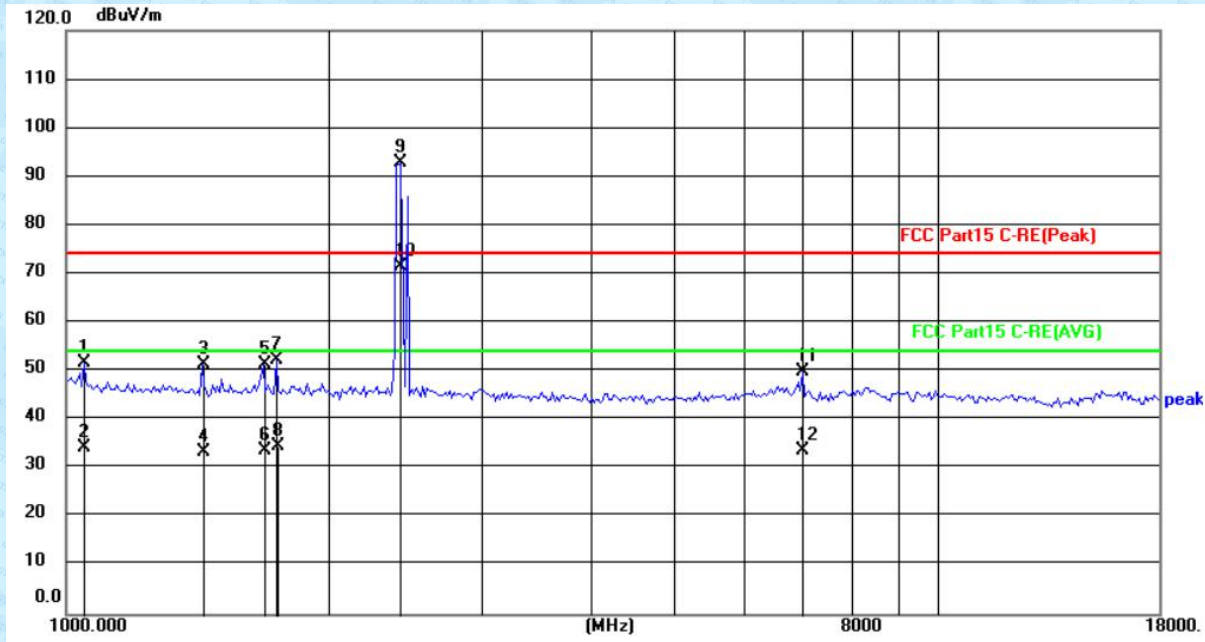


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	200.0432	37.24	-0.15	37.09	43.50	-6.41	QP
2	300.6988	37.50	-4.59	32.91	46.00	-13.09	QP
3	360.9775	35.37	-3.75	31.62	46.00	-14.38	QP
4	452.0013	32.71	-2.31	30.40	46.00	-15.60	QP
5	550.2902	31.80	0.47	32.27	46.00	-13.73	QP
6	651.3831	34.73	0.44	35.17	46.00	-10.83	QP

Above 1GHz

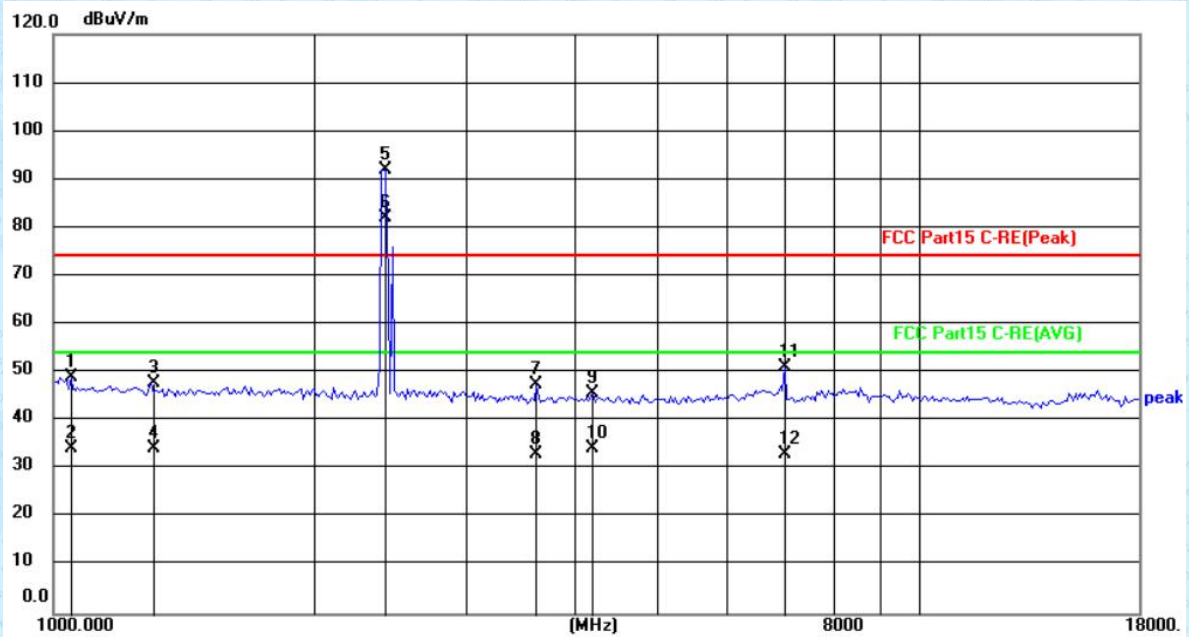
Test mode:	802.11b 2412MHz	Test channel:	Lowest
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.429	28.09	23.64	51.73	74.00	-22.27	peak
2	1047.429	10.66	23.64	34.30	54.00	-19.70	AVG
3	1432.075	26.99	24.33	51.32	74.00	-22.68	peak
4	1432.075	9.23	24.33	33.56	54.00	-20.44	AVG
5	1684.232	26.65	24.75	51.40	74.00	-22.60	peak
6	1684.232	8.94	24.75	33.69	54.00	-20.31	AVG
7	1743.794	27.50	24.93	52.43	74.00	-21.57	peak
8	1743.795	9.72	24.93	34.65	54.00	-19.35	AVG
9	2412.000	66.35	26.36	92.71	74.00	18.71	peak
10	2412.000	45.23	26.36	71.59	54.00	17.59	AVG
11	7002.185	14.14	35.80	49.94	74.00	-24.06	peak
12	7002.185	-1.91	35.80	33.89	54.00	-20.11	AVG

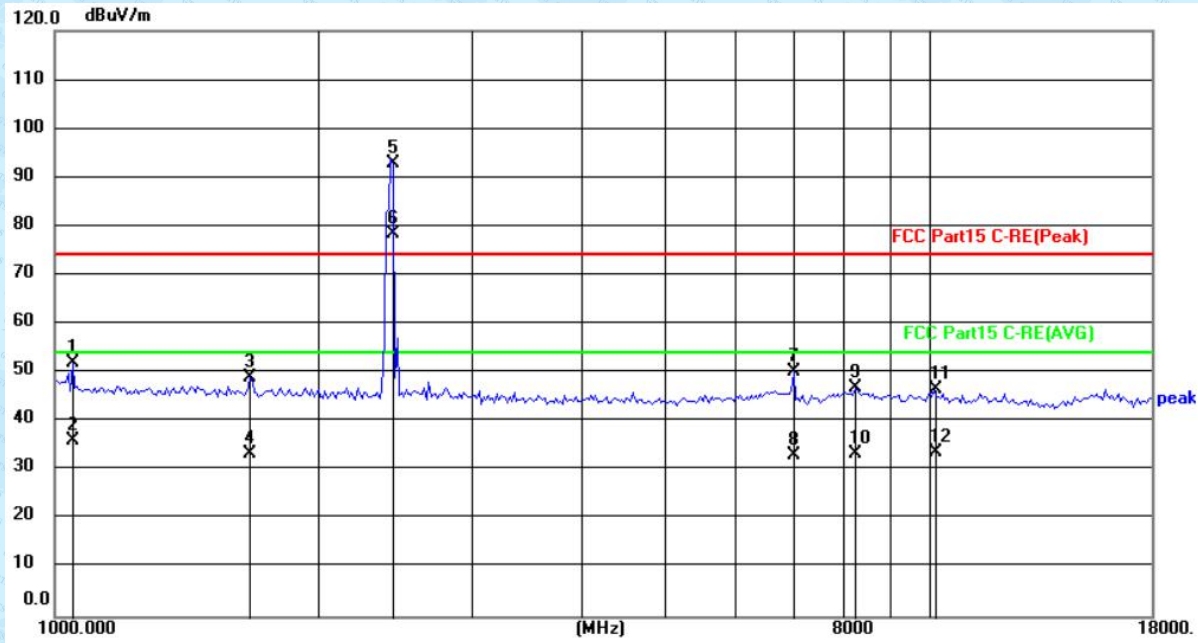
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.429	25.53	23.64	49.17	74.00	-24.83	peak
2	1047.429	10.63	23.64	34.27	54.00	-19.73	AVG
3	1297.780	23.61	24.20	47.81	74.00	-26.19	peak
4	1297.780	10.21	24.20	34.41	54.00	-19.59	AVG
5	2412.000	65.48	26.36	91.84	74.00	17.84	peak
6	2412.000	55.68	26.36	82.04	54.00	28.04	AVG
7	3617.911	19.22	28.44	47.66	74.00	-26.34	peak
8	3617.911	4.86	28.44	33.30	54.00	-20.70	AVG
9	4205.938	16.79	29.11	45.90	74.00	-28.10	peak
10	4205.938	5.16	29.11	34.27	54.00	-19.73	AVG
11	7002.185	15.37	35.80	51.17	74.00	-22.83	peak
12	7002.185	-2.66	35.80	33.14	54.00	-20.86	AVG

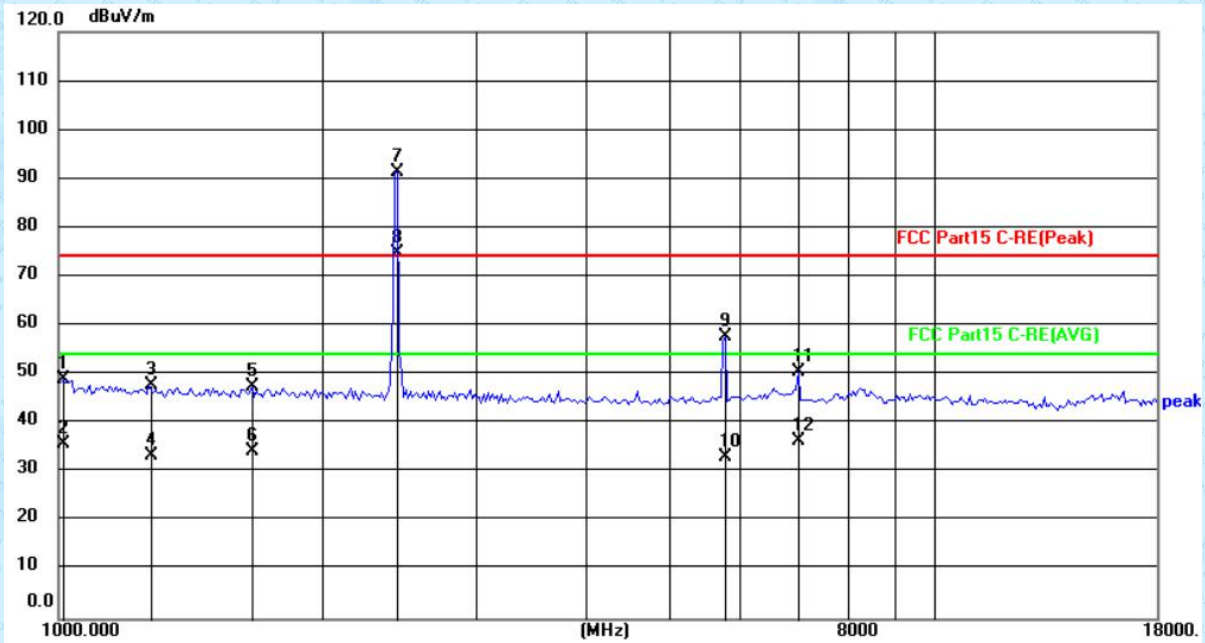
Test mode:	802.11b 2437MHz	Test channel:	Middle
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.429	28.39	23.64	52.03	74.00	-21.97	peak
2	1047.429	12.38	23.64	36.02	54.00	-17.98	AVG
3	1674.504	24.41	24.72	49.13	74.00	-24.87	peak
4	1674.504	8.86	24.72	33.58	54.00	-20.42	AVG
5	2437.000	66.33	26.40	92.73	74.00	18.73	peak
6	2437.000	51.99	26.40	78.39	54.00	24.39	AVG
7	7002.185	14.45	35.80	50.25	74.00	-23.75	peak
8	7002.185	-2.72	35.80	33.08	54.00	-20.92	AVG
9	8235.116	10.15	36.72	46.87	74.00	-27.13	peak
10	8235.116	-3.15	36.72	33.57	54.00	-20.43	AVG
11	10144.496	7.44	39.30	46.74	74.00	-27.26	peak
12	10144.496	-5.45	39.30	33.85	54.00	-20.15	AVG

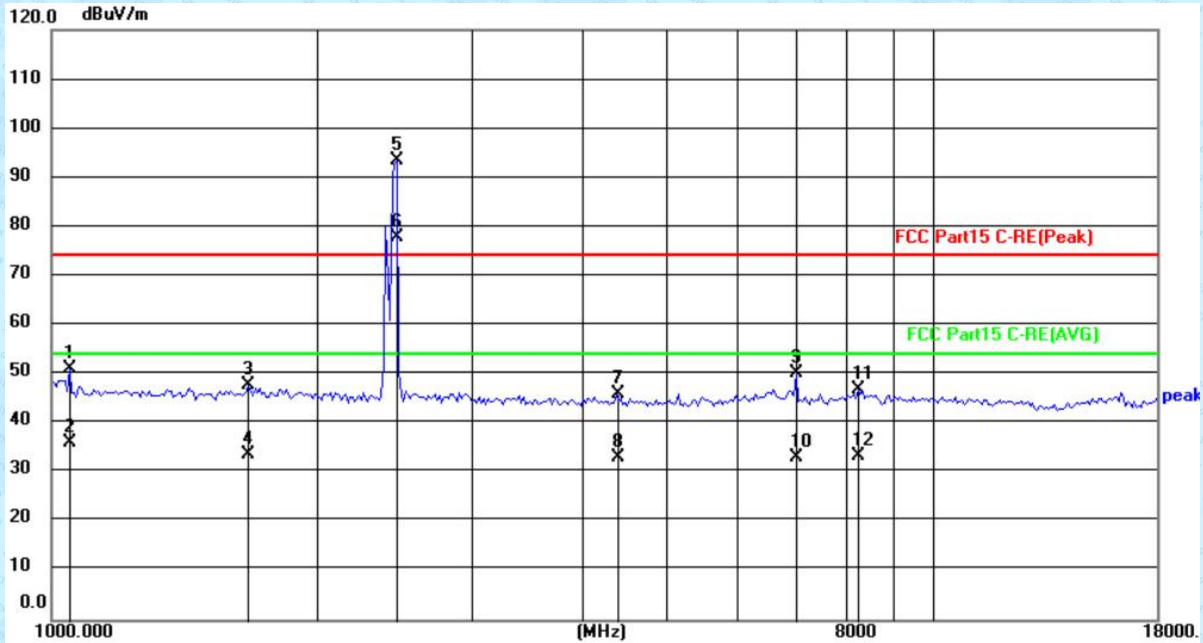
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	47.44	1.58	49.02	74.00	-24.98	peak
2	1011.652	34.34	1.58	35.92	54.00	-18.08	AVG
3	1268.057	23.73	24.17	47.90	74.00	-26.10	peak
4	1268.057	9.28	24.17	33.45	54.00	-20.55	AVG
5	1664.833	22.88	24.69	47.57	74.00	-26.43	peak
6	1664.833	9.68	24.69	34.37	54.00	-19.63	AVG
7	2437.000	65.08	26.40	91.48	74.00	17.48	peak
8	2437.000	48.59	26.40	74.99	54.00	20.99	AVG
9	5783.884	25.77	32.05	57.82	74.00	-16.18	peak
10	5783.884	1.16	32.05	33.21	54.00	-20.79	AVG
11	7002.185	14.73	35.80	50.53	74.00	-23.47	peak
12	7002.185	0.78	35.80	36.58	54.00	-17.42	AVG

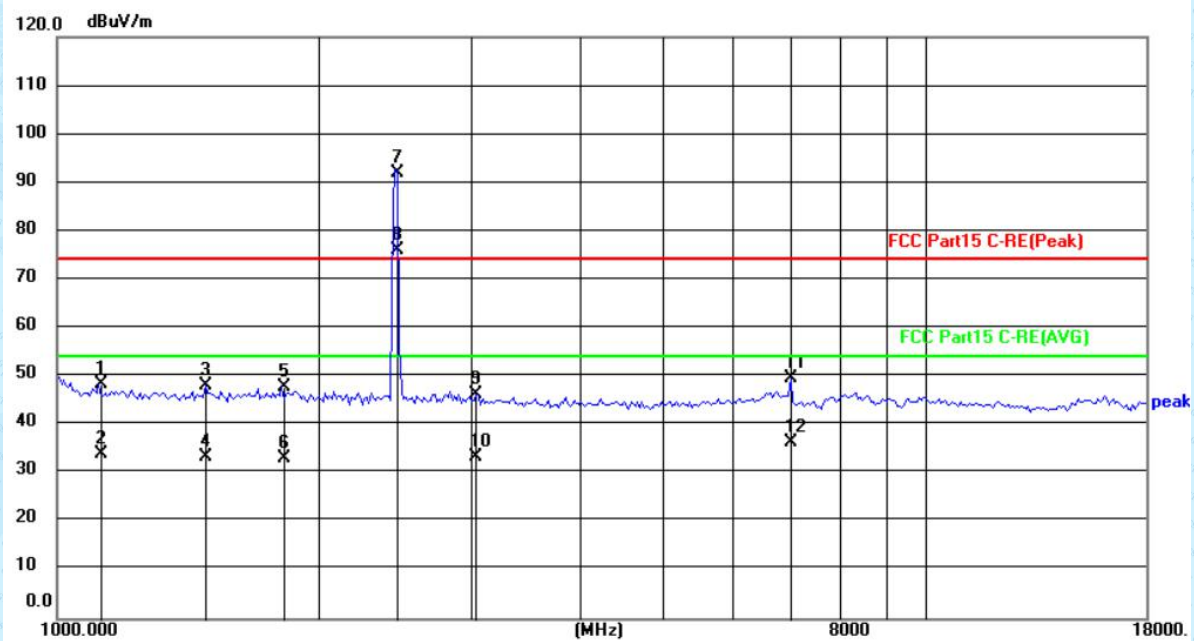
Test mode:	802.11b 2462MHz	Test channel:	Highest
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.429	27.52	23.64	51.16	74.00	-22.84	peak
2	1047.429	12.40	23.64	36.04	54.00	-17.96	AVG
3	1674.504	23.09	24.72	47.81	74.00	-26.19	peak
4	1674.504	9.08	24.72	33.80	54.00	-20.20	AVG
5	2462.000	67.15	26.44	93.59	74.00	19.59	peak
6	2462.000	51.46	26.44	77.90	54.00	23.90	AVG
7	4379.978	16.73	29.28	46.01	74.00	-27.99	peak
8	4379.978	3.84	29.28	33.12	54.00	-20.88	AVG
9	7002.185	14.34	35.80	50.14	74.00	-23.86	peak
10	7002.185	-2.79	35.80	33.01	54.00	-20.99	AVG
11	8235.116	10.09	36.72	46.81	74.00	-27.19	peak
12	8235.116	-3.18	36.72	33.54	54.00	-20.46	AVG

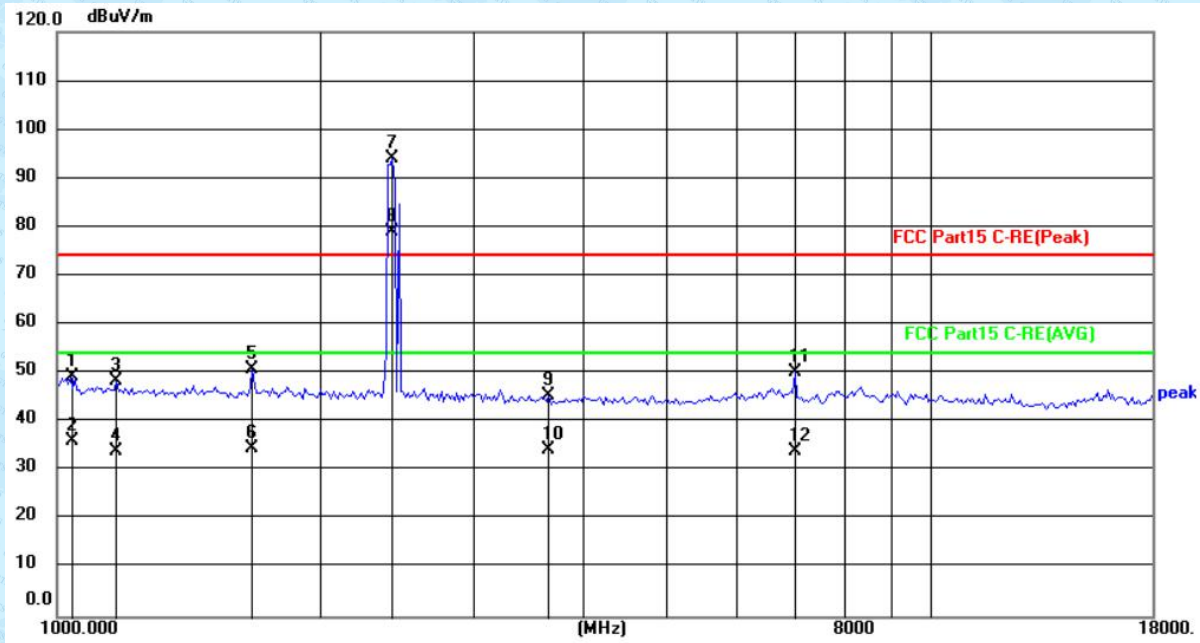
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1116.339	24.59	23.85	48.44	74.00	-25.56	peak
2	1116.339	10.30	23.85	34.15	54.00	-19.85	AVG
3	1482.720	23.75	24.38	48.13	74.00	-25.87	peak
4	1482.720	9.18	24.38	33.56	54.00	-20.44	AVG
5	1815.952	22.69	25.15	47.84	74.00	-26.16	peak
6	1815.952	7.98	25.15	33.13	54.00	-20.87	AVG
7	2462.000	65.47	26.44	91.91	74.00	17.91	peak
8	2462.000	49.68	26.44	76.12	54.00	22.12	AVG
9	3040.819	18.77	27.47	46.24	74.00	-27.76	peak
10	3040.819	5.95	27.47	33.42	54.00	-20.58	AVG
11	7002.185	13.72	35.80	49.52	74.00	-24.48	peak
12	7002.185	0.73	35.80	36.53	54.00	-17.47	AVG

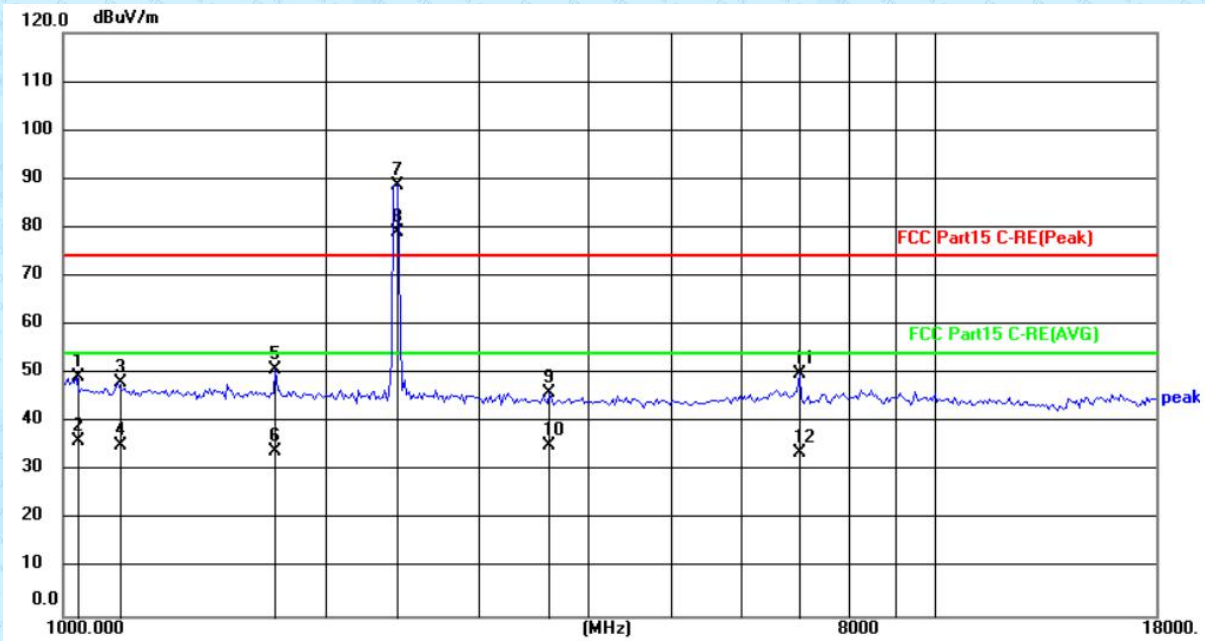
Test mode:	802.11g 2412MHz	Test channel:	lowest
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	47.32	1.95	49.27	74.00	-24.73	peak
2	1035.365	34.06	1.95	36.01	54.00	-17.99	AVG
3	1169.285	24.34	24.01	48.35	74.00	-25.65	peak
4	1169.285	10.11	24.01	34.12	54.00	-19.88	AVG
5	1674.504	26.18	24.72	50.90	74.00	-23.10	peak
6	1674.504	9.80	24.72	34.52	54.00	-19.48	AVG
7	2412.000	67.58	26.36	93.94	74.00	19.94	peak
8	2412.000	52.65	26.36	79.01	54.00	25.01	AVG
9	3660.067	17.05	28.49	45.54	74.00	-28.46	peak
10	3660.067	5.77	28.49	34.26	54.00	-19.74	AVG
11	7002.185	14.58	35.80	50.38	74.00	-23.62	peak
12	7002.185	-1.71	35.80	34.09	54.00	-19.91	AVG

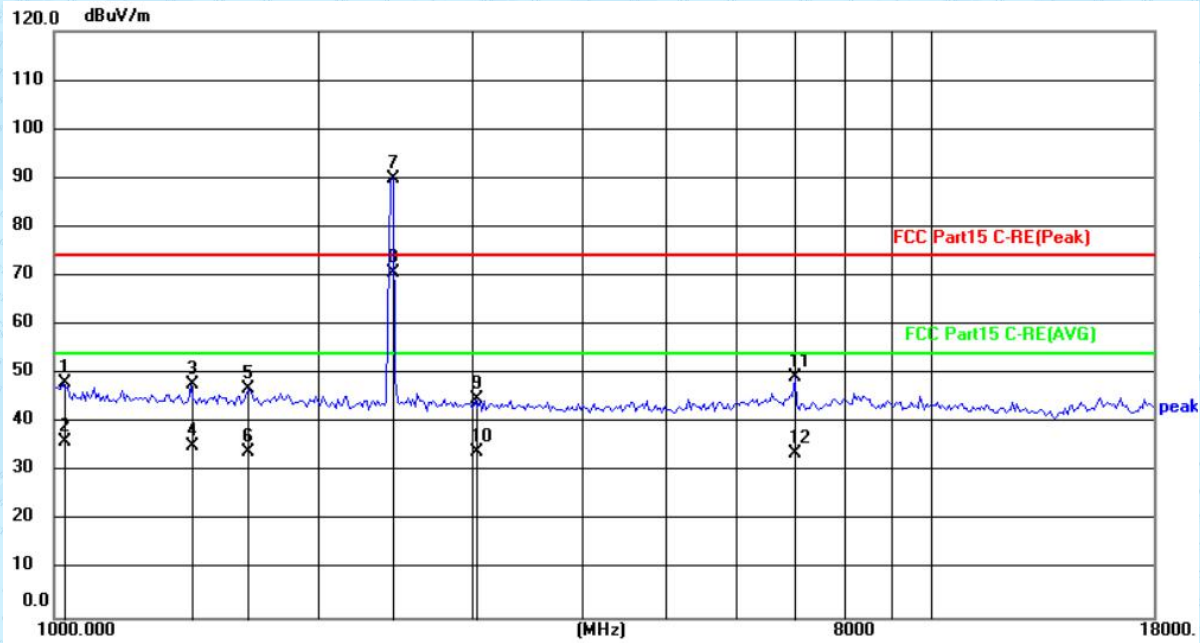
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	47.48	1.95	49.43	74.00	-24.57	peak
2	1035.365	34.06	1.95	36.01	54.00	-17.99	AVG
3	1155.818	24.23	23.97	48.20	74.00	-25.80	peak
4	1155.818	11.15	23.97	35.12	54.00	-18.88	AVG
5	1753.924	26.02	24.96	50.98	74.00	-23.02	peak
6	1753.924	9.14	24.96	34.10	54.00	-19.90	AVG
7	2412.000	62.35	26.36	88.71	74.00	14.71	peak
8	2412.000	52.66	26.36	79.02	54.00	25.02	AVG
9	3617.911	17.68	28.44	46.12	74.00	-27.88	peak
10	3617.911	6.68	28.44	35.12	54.00	-18.88	AVG
11	7002.185	14.20	35.80	50.00	74.00	-24.00	peak
12	7002.185	-1.91	35.80	33.89	54.00	-20.11	AVG

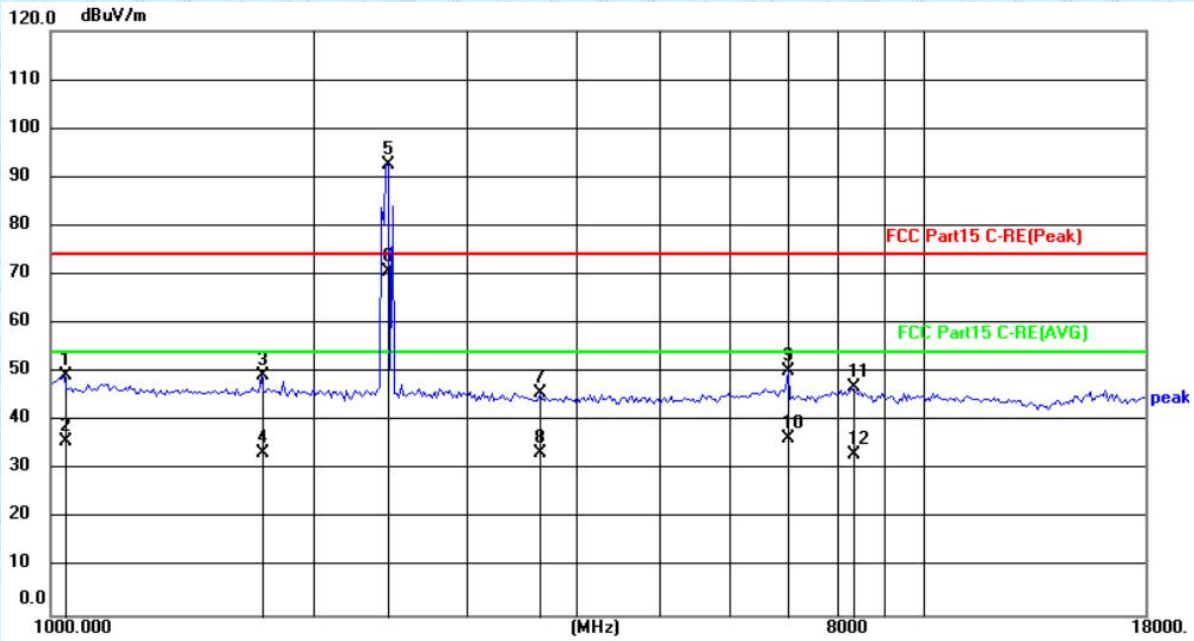
Test mode:	802.11g 2437MHz	Test channel:	Middle
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1023.440	46.29	1.76	48.05	74.00	-25.95	peak
2	1023.440	34.26	1.76	36.02	54.00	-17.98	AVG
3	1432.075	23.40	24.33	47.73	74.00	-26.27	peak
4	1432.075	10.77	24.33	35.10	54.00	-18.90	AVG
5	1664.833	22.29	24.69	46.98	74.00	-27.02	peak
6	1664.833	9.47	24.69	34.16	54.00	-19.84	AVG
7	2437.000	63.57	26.40	89.97	74.00	15.97	peak
8	2437.000	44.16	26.40	70.56	54.00	16.56	AVG
9	3023.257	17.34	27.44	44.78	74.00	-29.22	peak
10	3023.257	6.68	27.44	34.12	54.00	-19.88	AVG
11	7002.185	13.50	35.80	49.30	74.00	-24.70	peak
12	7002.185	-1.91	35.80	33.89	54.00	-20.11	AVG

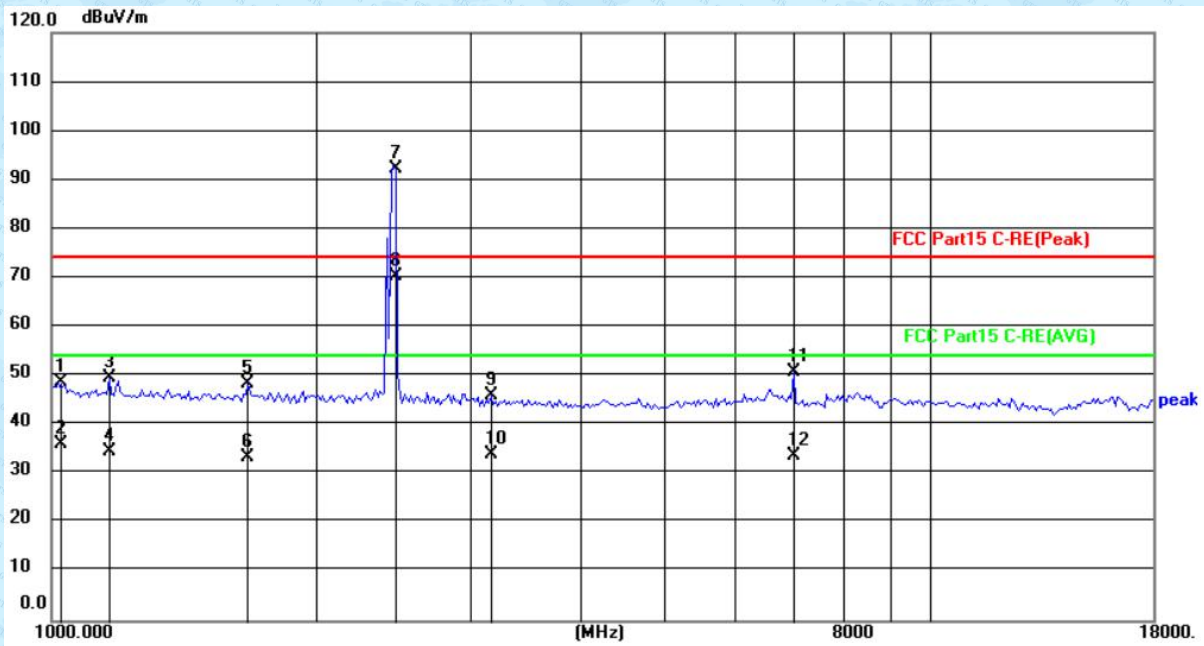
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	47.37	1.95	49.32	74.00	-24.68	peak
2	1035.365	33.88	1.95	35.83	54.00	-18.17	AVG
3	1743.795	24.54	24.93	49.47	74.00	-24.53	peak
4	1743.795	8.38	24.93	33.31	54.00	-20.69	AVG
5	2437.000	66.02	26.40	92.42	74.00	18.42	peak
6	2437.000	44.32	26.40	70.72	54.00	16.72	AVG
7	3638.928	17.39	28.47	45.86	74.00	-28.14	peak
8	3638.928	4.98	28.47	33.45	54.00	-20.55	AVG
9	7002.185	14.55	35.80	50.35	74.00	-23.65	peak
10	7002.185	0.77	35.80	36.57	54.00	-17.43	AVG
11	8282.955	10.29	36.73	47.02	74.00	-26.98	peak
12	8282.955	-3.43	36.73	33.30	54.00	-20.70	AVG

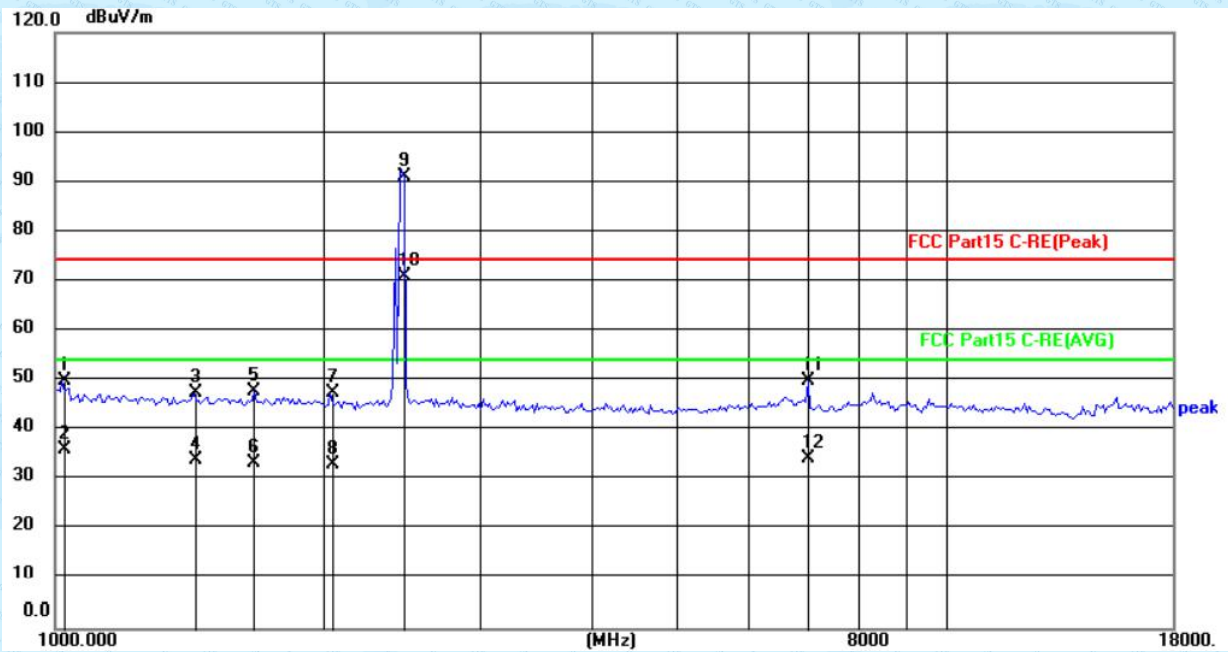
Test mode:	802.11g 2462MHz	Test channel:	Highest
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1017.529	47.15	1.67	48.82	74.00	-25.18	peak
2	1017.529	34.42	1.67	36.09	54.00	-17.91	AVG
3	1162.532	25.76	23.99	49.75	74.00	-24.25	peak
4	1162.532	10.62	23.99	34.61	54.00	-19.39	AVG
5	1674.504	23.63	24.72	48.35	74.00	-25.65	peak
6	1674.504	8.74	24.72	33.46	54.00	-20.54	AVG
7	2462.000	65.87	26.44	92.31	74.00	18.31	peak
8	2462.000	44.01	26.44	70.45	54.00	16.45	AVG
9	3166.647	18.47	27.70	46.17	74.00	-27.83	peak
10	3166.647	6.46	27.70	34.16	54.00	-19.84	AVG
11	7002.185	14.90	35.80	50.70	74.00	-23.30	peak
12	7002.185	-2.05	35.80	33.75	54.00	-20.25	AVG

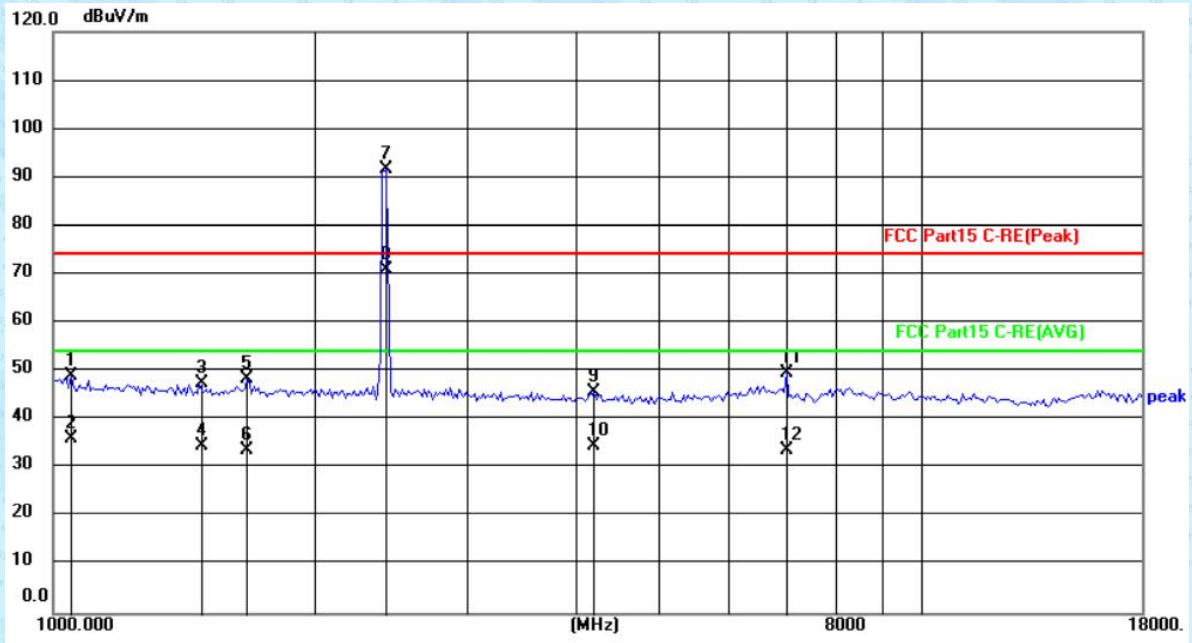
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1017.529	48.38	1.67	50.05	74.00	-23.95	peak
2	1017.529	34.34	1.67	36.01	54.00	-17.99	AVG
3	1432.075	23.12	24.33	47.45	74.00	-26.55	peak
4	1432.075	9.82	24.33	34.15	54.00	-19.85	AVG
5	1674.504	23.05	24.72	47.77	74.00	-26.23	peak
6	1674.504	8.84	24.72	33.56	54.00	-20.44	AVG
7	2038.994	21.87	25.76	47.63	74.00	-26.37	peak
8	2038.994	7.45	25.76	33.21	54.00	-20.79	AVG
9	2462.000	64.61	26.44	91.05	74.00	17.05	peak
10	2462.000	44.47	26.44	70.91	54.00	16.91	AVG
11	7002.185	14.22	35.80	50.02	74.00	-23.98	peak
12	7002.185	-1.54	35.80	34.26	54.00	-19.74	AVG

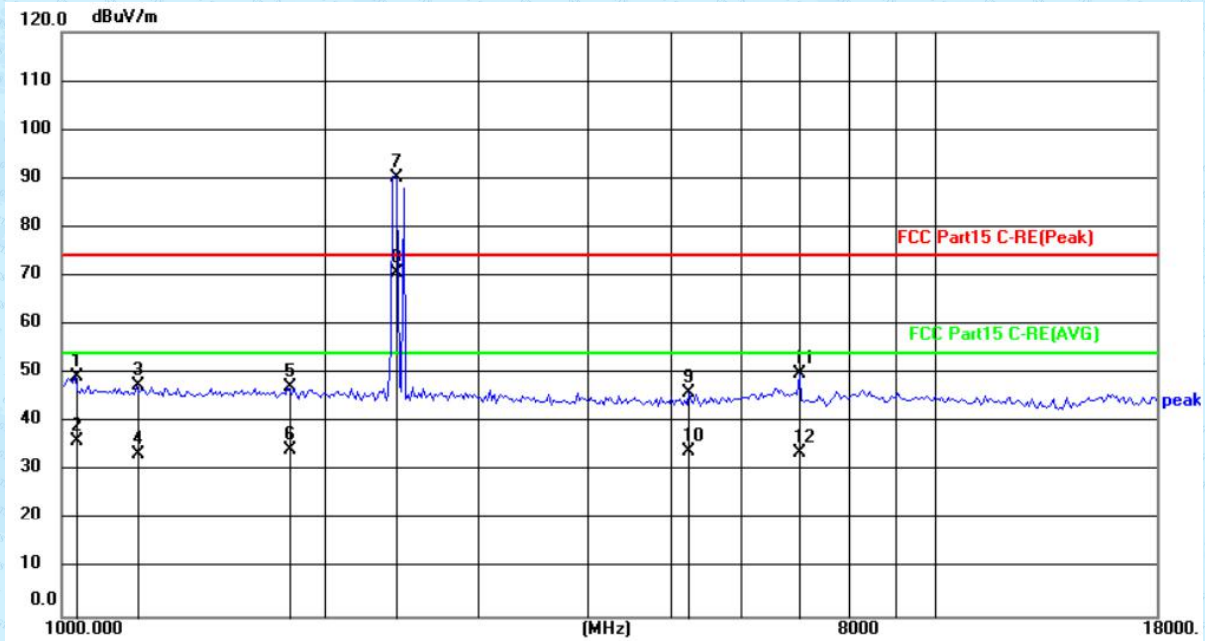
Test mode:	802.11n(HT20) 2412MHz	Test channel:	Lowest
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.429	25.36	23.64	49.00	74.00	-25.00	peak
2	1047.429	12.37	23.64	36.01	54.00	-17.99	AVG
3	1474.157	23.28	24.37	47.65	74.00	-26.35	peak
4	1474.157	10.28	24.37	34.65	54.00	-19.35	AVG
5	1674.504	23.60	24.72	48.32	74.00	-25.68	peak
6	1674.504	9.03	24.72	33.75	54.00	-20.25	AVG
7	2412.000	65.22	26.36	91.58	74.00	17.58	peak
8	2412.000	44.49	26.36	70.85	54.00	16.85	AVG
9	4205.938	16.71	29.11	45.82	74.00	-28.18	peak
10	4205.938	5.68	29.11	34.79	54.00	-19.21	AVG
11	7002.185	14.00	35.80	49.80	74.00	-24.20	peak
12	7002.185	-1.99	35.80	33.81	54.00	-20.19	AVG

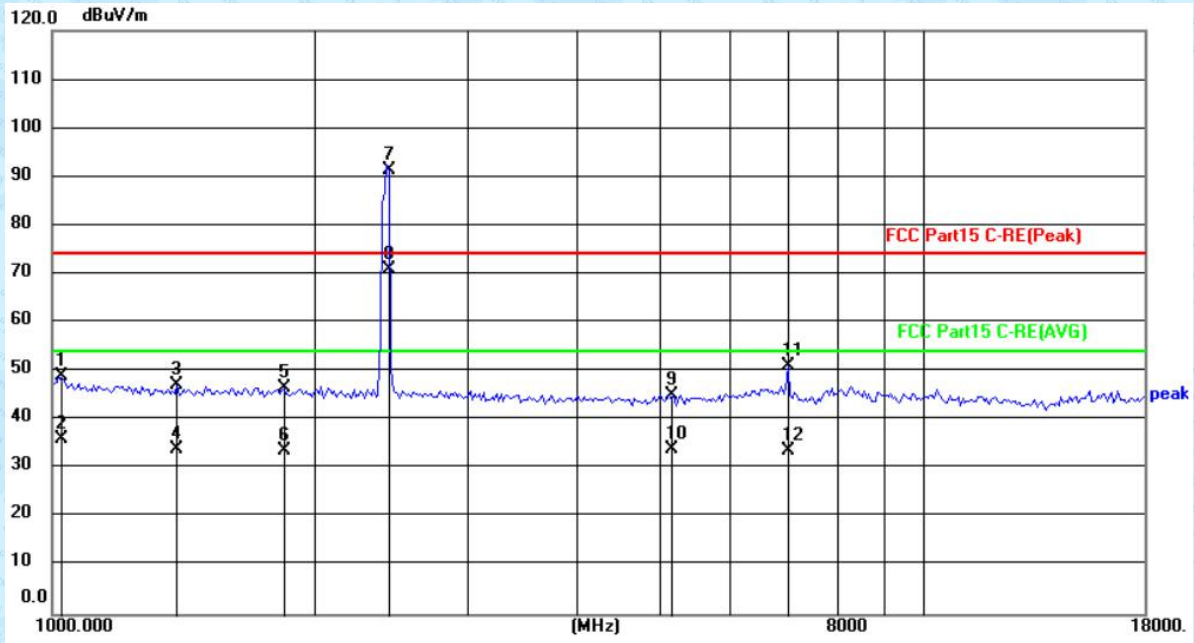
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	47.27	1.95	49.22	74.00	-24.78	peak
2	1035.365	34.06	1.95	36.01	54.00	-17.99	AVG
3	1217.670	23.35	24.12	47.47	74.00	-26.53	peak
4	1217.670	9.44	24.12	33.56	54.00	-20.44	AVG
5	1815.952	22.00	25.15	47.15	74.00	-26.85	peak
6	1815.952	9.06	25.15	34.21	54.00	-19.79	AVG
7	2412.000	63.72	26.36	90.08	74.00	16.08	peak
8	2412.000	44.18	26.36	70.54	54.00	16.54	AVG
9	5241.490	15.23	30.84	46.07	74.00	-27.93	peak
10	5241.490	3.35	30.84	34.19	54.00	-19.81	AVG
11	7002.185	14.23	35.80	50.03	74.00	-23.97	peak
12	7002.185	-1.96	35.80	33.84	54.00	-20.16	AVG

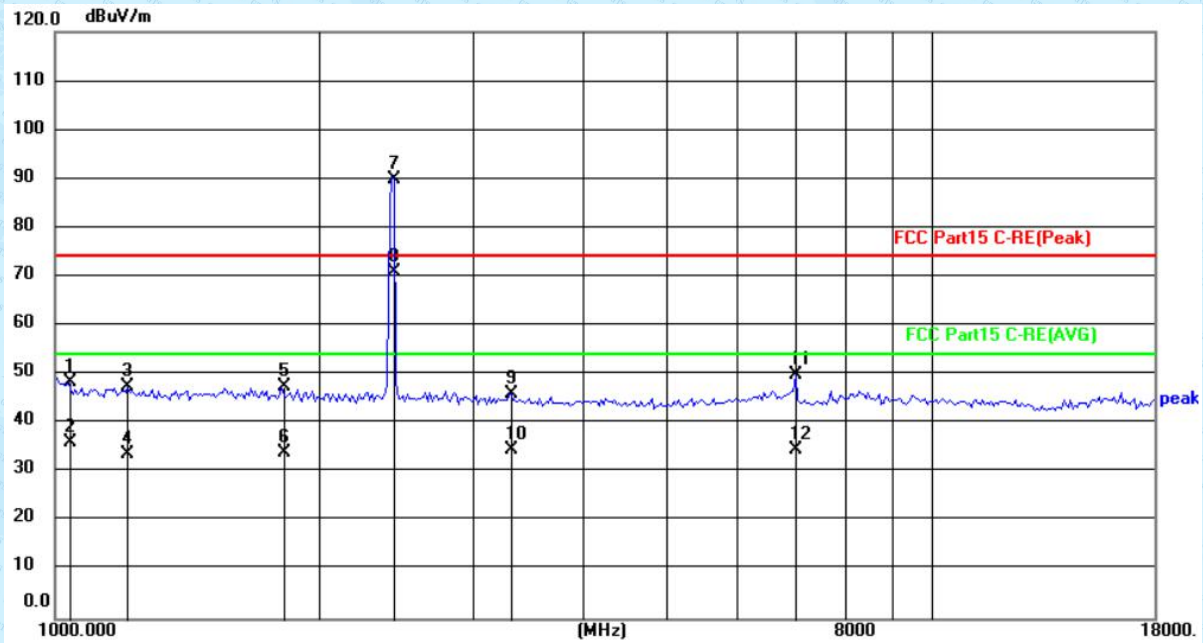
Test mode:	802.11n(HT20 2437MHz)	Test channel:	Middle
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1017.529	47.34	1.67	49.01	74.00	-24.99	peak
2	1017.529	34.34	1.67	36.01	54.00	-17.99	AVG
3	1391.194	23.05	24.29	47.34	74.00	-26.66	peak
4	1391.194	9.83	24.29	34.12	54.00	-19.88	AVG
5	1847.783	21.50	25.24	46.74	74.00	-27.26	peak
6	1847.783	8.41	25.24	33.65	54.00	-20.35	AVG
7	2437.000	65.09	26.40	91.49	74.00	17.49	peak
8	2437.000	44.41	26.40	70.81	54.00	16.81	AVG
9	5121.445	14.63	30.67	45.30	74.00	-28.70	peak
10	5121.445	3.49	30.67	34.16	54.00	-19.84	AVG
11	7002.185	15.49	35.80	51.29	74.00	-22.71	peak
12	7002.185	-2.11	35.80	33.69	54.00	-20.31	AVG

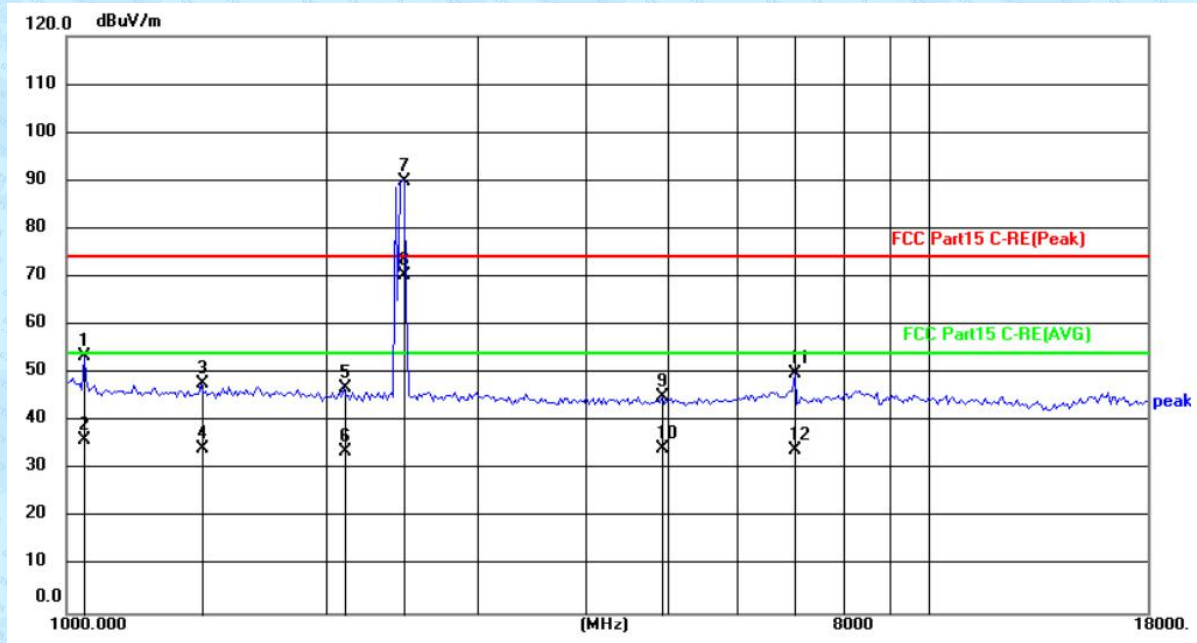
Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1035.365	46.51	1.95	48.46	74.00	-25.54	peak
2	1035.365	34.09	1.95	36.04	54.00	-17.96	AVG
3	1210.637	23.33	24.11	47.44	74.00	-26.56	peak
4	1210.637	9.60	24.11	33.71	54.00	-20.29	AVG
5	1815.952	22.37	25.15	47.52	74.00	-26.48	peak
6	1815.952	9.00	25.15	34.15	54.00	-19.85	AVG
7	2437.000	63.39	26.40	89.79	74.00	15.79	peak
8	2437.000	44.51	26.40	70.91	54.00	16.91	AVG
9	3316.838	17.97	27.97	45.94	74.00	-28.06	peak
10	3316.838	6.59	27.97	34.56	54.00	-19.44	AVG
11	7002.185	14.12	35.80	49.92	74.00	-24.08	peak
12	7002.185	-1.10	35.80	34.70	54.00	-19.30	AVG

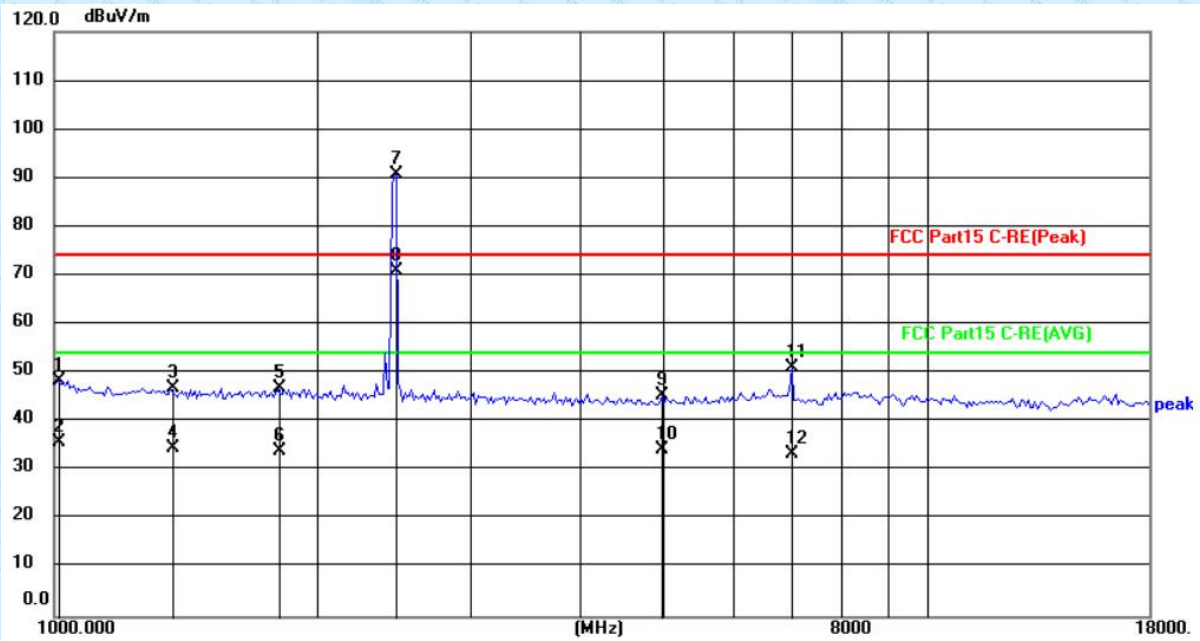
Test mode:	802.11n(HT20 2462MHz)	Test channel:	Highest
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1047.429	29.94	23.64	53.58	74.00	-20.42	peak
2	1047.429	12.48	23.64	36.12	54.00	-17.88	AVG
3	1432.075	23.50	24.33	47.83	74.00	-26.17	peak
4	1432.075	9.96	24.33	34.29	54.00	-19.71	AVG
5	2098.910	20.95	25.86	46.81	74.00	-27.19	peak
6	2098.910	7.95	25.86	33.81	54.00	-20.19	AVG
7	2462.000	63.28	26.44	89.72	74.00	15.72	peak
8	2462.000	44.02	26.44	70.46	54.00	16.46	AVG
9	4917.942	14.72	30.32	45.04	74.00	-28.96	peak
10	4917.942	3.89	30.32	34.21	54.00	-19.79	AVG
11	7002.185	14.13	35.80	49.93	74.00	-24.07	peak
12	7002.185	-1.71	35.80	34.09	54.00	-19.91	AVG

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1011.652	46.94	1.58	48.52	74.00	-25.48	peak
2	1011.652	34.40	1.58	35.98	54.00	-18.02	AVG
3	1359.332	22.71	24.26	46.97	74.00	-27.03	peak
4	1359.332	10.28	24.26	34.54	54.00	-19.46	AVG
5	1805.464	21.76	25.12	46.88	74.00	-27.12	peak
6	1805.464	9.05	25.12	34.17	54.00	-19.83	AVG
7	2462.000	64.17	26.44	90.61	74.00	16.61	peak
8	2462.000	44.47	26.44	70.91	54.00	16.91	AVG
9	4975.246	15.06	30.45	45.51	74.00	-28.49	peak
10	4975.246	3.76	30.45	34.21	54.00	-19.79	AVG
11	7002.185	15.47	35.80	51.27	74.00	-22.73	peak
12	7002.185	-2.34	35.80	33.46	54.00	-20.54	AVG

Remark:

- 1 Final Level =Receiver Read level + Antenna Factor
- 2 “*”, means this data is the too weak instrument of signal is unable to test.

8 Test Setup Photo

Reference to the appendix I for details.

9 EUT Constructional Details

Reference to the appendix II and appendix III for details.

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